

WAN MCQ Question Answer

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Question: 1. A _____ is basically all of the components, hardware and software, involved in connecting computers across small and large distances.

Option A. LAN

Option B. WAN

Option C. Network

Option D. SAN

Question: 2. _____ describe(s) users working from home.

Option A. SOHO

Option B. Branch office

Option C. Regional office

Option D. Corporate office

Question: 3. _____ describe(s) users that can connect to a network from any location.

Option A. SOHO

Option B. Branch office

Option C. Mobile users

Option D. Corporate office

Question: 4. A _____ topology uses a single connection to connect all devices together.

Option A. Bus

Option B. Star

Option C. Point-to-point

Option D. Ring

Question: 5. _____ has both physical and logical ring topologies.

Option A. Ethernet

Option B. FDDI

Option C. Token Ring

Question: 6. Ethernet _____ has/have both a physical and logical bus topology.

Option A. 10BaseT

Option B. 10Base2 and 10Base5

Option C. 10BaseT and 10Base2

Option D. 10BaseT, 10Base2, and 10Base5

Question: 7. A _____ topology describes how devices communicate with each other.

Option A. Physical

Option B. Logical

Question: 8. _____ has a physical star topology but a logical ring topology.

Option A. FDDI

Option B. Token Ring

Option C. Ethernet

Option D. FDDI and Token Ring

Question: 9. A _____ is used to connect networking devices that are in a very close geographic area, such as a floor of a building, a building itself, or a campus environment.

Option A. WAN

Option B. LAN

Option C. MAN

Option D. LAN and MAN

Question: 10. A _____ uses Gigabit Ethernet as a media type

Option A. WAN

Option B. LAN

Option C. MAN

Option D. LAN and MAN

Question: 11. A _____ connects two or more LANs in the same geographic area.

Option A. LAN

Option B. WAN

Option C. MAN

Option D. SAN

Question: 12. A _____ provides a high-speed infrastructure to move data between storage devices and file servers.

Option A. SAN

Option B. LAN

Option C. CN

Option D. SAN and CN

Question: 13. Which of the following is a disadvantage of SANs?

Option A. Distance limitation

Option B. Cost

Option C. Overhead

Option D. Management

Question: 14. A _____ looks at OSI Reference Model layers 4-7 to make intelligent decisions about how to obtain information for a user.

- Option A. SAN
- Option B. LAN
- Option C. CN
- Option D. SAN and CN

Question: 15. A _____ is a network that provides a secure connection from a company to other business partners.

- Option A. Intranet
- Option B. Extranet
- Option C. Internet

Question: 16. The TCP/IP protocol stack has _____ layers.

- Option A. 4
- Option B. 5
- Option C. 6
- Option D. 7

Question: 17. Which of the following is not true concerning TCP?

- Option A. Provides for reliable connections
- Option B. Uses windowing for flow control
- Option C. Multiplexes applications
- Option D. Is more efficient than UDP

Question: 18. Which of the following is a Network layer protocol for the TCP/IP protocol stack?

- Option A. TCP
- Option B. UDP
- Option C. ICMP
- Option D. None of these

Question: 19. You have this binary value: 11000001. This equates to _____ in decimal.

- Option A. 183
- Option B. 193
- Option C. 173
- Option D. 203

Question: 20. A Class A address has _____ host bits.

- Option A. 8
- Option B. 16
- Option C. 20
- Option D. 24

Question: 21. 191.75.39.24 is a Class _____ address.

- Option A. A
- Option B. B
- Option C. C
- Option D. None of the above

Question: 22. 172.16.240.256 is a class _____ address.

- Option A. A
- Option B. B
- Option C. C
- Option D. None of the above

Question: 23. Which of the following is a valid subnet mask value?

- Option A. 255.0.255.255
- Option B. 0.0.0.255
- Option C. 255.255.254.0
- Option D. 255.255.255.256

Question: 24. You are given a Class C network with 25 bits of networking. How many subnets do you have?

- Option A. 1
- Option B. 2
- Option C. 3
- Option D. 4

Question: 25. You are given a Class C network with a subnet mask of 255.255.255.248. How many host addresses are there on each subnet?

- Option A. 4
- Option B. 6
- Option C. 8
- Option D. 14

Question: 26. You are given a Class B network with a subnet mask of 255.255.255.192. How many host addresses are there on each subnet?

- Option A. 30
- Option B. 62
- Option C. 126
- Option D. 254

Question: 27. You are given the following addressing information: 192.168.37.192/25. What type of address is this?

- Option A. Network
- Option B. Directed Broadcast
- Option C. Host

Question: 28. You are given the following addressing information: 172.17.16.255/23. What type of address is this?

Option A. Network

Option B. Directed Broadcast

Option C. Host

Question: 29. You are given the following addressing information: 10.0.8.0/22. What type of address is this?

Option A. Network

Option B. Directed Broadcast

Option C. Host

Question: 30. You are given a MAC address of 01A2.0482.FE12. What is the OUI value in binary?

Option A. 00011011.10100010.00000100

Option B. 00000000.00000001.00000100

Option C. 00000001.10100010.00000100

Option D. 00000001.10100001.00000010

Answer Sheet

1	C	
2	A	
3	C	
4	A	
5	B	
6	B	
7	B	
8	B	
9	B	
10	D	
11	C	
12	A	
13	B	
14	C	
15	B	
16	B	
17	D	
18	D	
19	B	
20	D	
21	B	
22	D	
23	C	
24	B	
25	B	
26	B	
27	C	
28	C	
29	A	
30	C	